

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"7060640".pn.	US-PGPUB; USPAT	OR	ON	2006/06/23 21:16
S1	7	501/45,46.ccls.and (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium) and (WO3 or "WO.sub.3" or W03 or "W0.sub.3" or tungsten or wolfram) and (TiO2 or "TiO.sub.2" or Ti02 or "Ti0.sub.2" or titania or titanium) and (Bi2O3 or "Bi.sub.2" "O.sub.3" or "Bi.sub.2O.sub.3" or Bi2O3 or "Bi.sub.2 O.sub.3" or "Bi.sub.2O.sub.3" or bismuth) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (Na2O or "Na.sub.2 O" or "Na.sub.2O" or Na2O or "Na.sub.2 O" or "Na.sub.2O" or sodo or soda or sodium) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (BaO or Ba0 or barium or baria) and (ZnO or Zn0 or zinc) and (K2O or "K.sub.2 O" or "K.sub.2O" or K2O or "K.sub.2 O" or "K.sub.2O" or potash or potassium) and (Sb2O3 or "Sb.sub.2" "O.sub.3" or "Sb.sub.2O.sub.3" or Sb2O3 or "Sb.sub.2" "O.sub.3" or "Sb.sub.2O.sub.3" or antimony) and (As2O3 or "As.sub.2" "O.sub.3" or "As.sub.2O.sub.3" or As2O3 or "As.sub.2" "O.sub.3" or "As.sub.2O.sub.3" or Arsenic)	US-PGPUB; USPAT	OR	ON	2006/06/20 17:55

## EAST Search History

S3	8	501/45,46.ccls. and (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium) and (WO3 or "WO.sub.3" or W03 or "W0.sub.3" or tungsten or wolfram) and (TiO2 or "TiO.sub.2" or Ti02 or "Ti0.sub.2" or titania or titanium) and (Bi2O3 or ""Bi.sub.2" "O.sub.3"" or ""Bi.sub.2O.sub.3"" or Bi2O3 or "Bi.sub.2 O.sub.3" or "Bi.sub.2O.sub.3" or bismuth) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (Na2O or "Na.sub.2 O" or "Na.sub.2O" or Na2O or "Na.sub.2 O" or "Na.sub.2O" or sodo or soda or sodium)	US-PGPUB; USPAT	OR	ON	2006/06/20 17:56
S4	34	optical adj glass and (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium) and (WO3 or "WO.sub.3" or W03 or "W0.sub.3" or tungsten or wolfram) and (TiO2 or "TiO.sub.2" or Ti02 or "Ti0.sub.2" or titania or titanium) and (Bi2O3 or ""Bi.sub.2" "O.sub.3"" or ""Bi.sub.2O.sub.3"" or Bi2O3 or "Bi.sub.2 O.sub.3" or "Bi.sub.2O.sub.3" or bismuth) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (Na2O or "Na.sub.2 O" or "Na.sub.2O" or Na2O or "Na.sub.2 O" or "Na.sub.2O" or sodo or soda or sodium)	US-PGPUB; USPAT	OR	ON	2006/06/20 19:22

## EAST Search History

S5	10	optical adj glass and (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium) and (WO3 or "WO.sub.3" or W03 or "W0.sub.3" or tungsten or wolfram) and (TiO2 or "TiO.sub.2" or Ti02 or "Ti0.sub.2" or titania or titanium) and (Bi2O3 or ""Bi.sub.2" "O.sub.3"" or ""Bi.sub.2O.sub.3"" or Bi2O3 or "Bi.sub.2 O.sub.3" or "Bi.sub.2O.sub.3" or bismuth) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 0" or "Li.sub.20" or Lithia or lithium) and (Na2O or "Na.sub.2 O" or "Na.sub.2O" or Na2O or "Na.sub.2 0" or "Na.sub.20" or sodo or soda or sodium)	EPO; JPO; DERWENT	OR	ON	2006/06/20 19:22
S6	2	EP-1078894-\$.DID.	EPO; JPO; DERWENT	OR	ON	2006/06/20 19:23
S7	2	jP-08104537-\$.DID.	EPO; JPO; DERWENT	OR	ON	2006/06/20 19:24
S8	2	jP-2003160355-\$.DID.	EPO; JPO; DERWENT	OR	ON	2006/06/20 20:17
S9	30	fujiwara-yasuhiro.in.	US-PGPUB; USPAT	OR	ON	2006/06/20 20:18
S10	53	zou-xuelu.in.	US-PGPUB; USPAT	OR	ON	2006/06/20 20:18
S11	77	S9 or S10	US-PGPUB; USPAT	OR	ON	2006/06/20 20:18
S13	29	S4 not S3	US-PGPUB; USPAT	OR	ON	2006/06/20 20:32

## EAST Search History

S14	1	S11 and (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium) and (WO3 or "WO.sub.3" or W03 or "W0.sub.3" or tungsten or wolfram) and (TiO2 or "TiO.sub.2" or Ti02 or "Ti0.sub.2" or titania or titanium) and (Bi2O3 or ""Bi.sub.2" "O.sub.3"" or ""Bi.sub.2O.sub.3"" or Bi2O3 or "Bi.sub.2 O.sub.3" or "Bi.sub.2O.sub.3" or bismuth) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (Na2O or "Na.sub.2 O" or "Na.sub.2O" or Na2O or "Na.sub.2 O" or "Na.sub.2O" or sodo or soda or sodium)	US-PGPUB; USPAT	OR	ON	2006/06/20 20:46
S15	1	S11 and (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium) and (WO3 or "WO.sub.3" or W03 or "W0.sub.3" or tungsten or wolfram) and (TiO2 or "TiO.sub.2" or Ti02 or "Ti0.sub.2" or titania or titanium) and (Bi2O3 or ""Bi.sub.2" "O.sub.3"" or ""Bi.sub.2O.sub.3"" or Bi2O3 or "Bi.sub.2 O.sub.3" or "Bi.sub.2O.sub.3" or bismuth)	US-PGPUB; USPAT	OR	ON	2006/06/20 20:46
S16	158	501/46.ccls.	US-PGPUB; USPAT	OR	ON	2006/06/20 20:46